

TDMS No. 20201 - 04

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: MICE/TG.AC HEMI

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC
LESIONS ABRIDGED) (a)**

TEF TRANSGENICS (PCB 126 / PECDF MIXTURE)

CAS Number: TEFTGMIXTURE

Date Report Reqsted: 06/14/2006

Time Report Reqsted: 15:55:10

First Dose M/F: NA / 04/21/03

Lab: BAT

C Number: C20201D

Lock Date: 07/24/2004

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

TGAC (FVB/N) HEMIZYGOUS MICE FEMALE	0 NG/KG	36/180 NG/KG	121/605 NG/KG	360/1800NG/KG	760/3800NG/KG
Disposition Summary					
Animals Initially in Study	20	20	20	20	20
Early Deaths					
Moribund Sacrifice	1	4	2	1	4
Natural Death	2	3	1	1	2
Survivors					
Moribund Sacrifice				1	
Terminal Sacrifice	17	13	17	17	14
Animals Examined Microscopically	20	20	20	20	20

ALIMENTARY SYSTEM

Liver	(20)	(20)	(20)	(20)	(20)
Mesentery	(1)	(0)	(3)	(1)	(3)
Pancreas	(0)	(0)	(1)	(0)	(0)
Salivary Glands	(1)	(0)	(0)	(1)	(1)
Squamous Cell Carcinoma	1 (100%)			1 (100%)	1 (100%)
Stomach, Forestomach	(6)	(6)	(2)	(7)	(7)
Squamous Cell Papilloma	4 (67%)	4 (67%)	2 (100%)	6 (86%)	6 (86%)
Squamous Cell Papilloma, Multiple	1 (17%)	1 (17%)		1 (14%)	1 (14%)
Stomach, Glandular	(1)	(0)	(0)	(0)	(0)
Tooth	(6)	(6)	(6)	(5)	(6)
Odontogenic Tumor	5 (83%)	6 (100%)	6 (100%)	5 (100%)	4 (67%)
Odontogenic Tumor, Multiple	1 (17%)				1 (17%)

CARDIOVASCULAR SYSTEM

None					
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ENDOCRINE SYSTEM

None					
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GENERAL BODY SYSTEM

None					
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a - Number of animals examined microscopically at site and number of animals with lesion

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TGAC (FVB/N) HEMIZYGOUS MICE FEMALE	0 NG/KG	36/180 NG/KG	121/605 NG/KG	360/1800NG/KG	760/3800NG/KG
GENITAL SYSTEM					
None					
HEMATOPOIETIC SYSTEM					
Lymph Node	(0)	(1)	(0)	(1)	(2)
Spindle Cell Carcinoma, Metastatic, Skin					1 (50%)
Squamous Cell Carcinoma, Metastatic, Skin					1 (50%)
Lymph Node, Mandibular	(0)	(1)	(1)	(1)	(2)
Spindle Cell Carcinoma, Metastatic, Skin					1 (50%)
Lymph Node, Mesenteric	(1)	(1)	(1)	(0)	(0)
Spleen	(20)	(20)	(20)	(20)	(20)
Thymus	(20)	(18)	(20)	(20)	(19)
INTEGUMENTARY SYSTEM					
Skin	(4)	(7)	(10)	(9)	(8)
Squamous Cell Carcinoma			1 (10%)		
Squamous Cell Carcinoma, Multiple					1 (13%)
Squamous Cell Papilloma		6 (86%)	6 (60%)	7 (78%)	5 (63%)
Squamous Cell Papilloma, Multiple			2 (20%)	1 (11%)	3 (38%)
Skin, Control Dermis	(20)	(20)	(20)	(20)	(20)
Skin, Site Of Application	(20)	(20)	(20)	(20)	(20)
Keratoacanthoma				2 (10%)	
Spindle Cell Carcinoma			1 (5%)		2 (10%)
Spindle Cell Carcinoma, Multiple					1 (5%)
Squamous Cell Carcinoma		1 (5%)		4 (20%)	3 (15%)
Squamous Cell Carcinoma, Multiple				2 (10%)	8 (40%)
Squamous Cell Papilloma	1 (5%)	3 (15%)	1 (5%)	1 (5%)	
Squamous Cell Papilloma, Multiple		6 (30%)	19 (95%)	18 (90%)	20 (100%)
Skin, Soa No Mass	(20)	(20)	(19)	(11)	(10)
MUSCULOSKELETAL SYSTEM					
None					

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TGAC (FVB/N) HEMIZYGOUS MICE FEMALE	0 NG/KG	36/180 NG/KG	121/605 NG/KG	360/1800NG/KG	760/3800NG/KG
NERVOUS SYSTEM					
None					
RESPIRATORY SYSTEM					
Lung	(20)	(20)	(20)	(20)	(20)
Alveolar/Bronchiolar Adenoma	1 (5%)	1 (5%)	3 (15%)	1 (5%)	
SPECIAL SENSES SYSTEM					
None					
URINARY SYSTEM					
Kidney	(0)	(0)	(0)	(0)	(1)
SYSTEMIC LESIONS					
Multiple Organs	*(20)	*(20)	*(20)	*(20)	*(20)
Leukemia Erythrocytic	1 (5%)		2 (10%)		2 (10%)
Lymphoma Malignant		1 (5%)			

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* Number of animals with any tissue examined microscopically

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TGAC (FVB/N) HEMIZYGOUS MICE FEMALE	0 NG/KG	36/180 NG/KG	121/605 NG/KG	360/1800NG/KG	760/3800NG/KG
Tumor Summary for Females					
Total Animals with Primary Neoplasms (b)	11	15	20	19	20
Total Primary Neoplasms	15	29	43	49	58
Total Animals with Benign Neoplasms	6	13	20	19	20
Total Benign Neoplasms	7	21	33	37	35
Total Animals with Malignant Neoplasms	2	2	4	7	13
Total Malignant Neoplasms	2	2	4	7	18
Total Animals with Metastatic Neoplasms					2
Total Metastatic Neoplasms					3
Total Animals with Malignant Neoplasms Uncertain Primary Site					
Total Animals with Neoplasms Uncertain-Benign or Malignant	6	6	6	5	5
Total Uncertain Neoplasms	6	6	6	5	5

*** END OF REPORT ***

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

Control data contained within this report was collected on study 20201-01